

Amendments to the Specification:

Page 1, please amend the Title to read: --

B1  
~~Toothed-belt or chain~~ Chain wheel. --

On page 1, line 1, please correct the paragraph inserted by Preliminary Amendment of March 13, 2002 as follows: --

CROSS REFERENCE TO RELATED APPLICATIONS

B2  
Applicant claims priority under 35 U.S.C. §119 of Austrian application GM 635/99, filed on September 16, 1999. Applicant also claims priority under 35 U.S.C. §~~120~~ 365 of PCT/AT00/00225, filed on August 23, 2000. The international application under PCT article 21(2) was not published in English. --

Page 1, change the first and second paragraphs (lines 2 to end of page) to read as follows: --

B3  
[0001] The invention relates to a ~~toothed-belt or~~ chain wheel with a wheel body consisting of a wheel rim and a wheel hub, which wheel body carries a transmitter ring with radially projecting shoulders for detecting various angles of rotation or ranges of angles of rotation.

Description of the prior art

[0002] In order to enable performing controls which depend on the angle of rotation or range of angle of rotation of a ~~toothed belt or~~ chain wheel, the wheel body of the ~~toothed belt or~~ chain wheel is connected with a transmitter ring which is provided with radially projecting shoulders for the contactless (e.g. electromagnetic) detection of the angle or rotation or ranges of angles of rotation as determined by said shoulders. The transmitter ring is placed on the wheel hub of the ~~toothed belt or~~ chain wheel and is caulked with the hub, so that the shoulders project in a radially outwardly fashion into the scanning range of a respective sensor. Since the measurement precision of angle-of-rotation transducers with such transmitter rings which are arranged as stamped parts depends, among other things, on the surface evenness of the transmitter ring, a sufficient stiffness and thus a respective thickness of the transmitter ring is required in order to avoid having to cope with any distortions and thus measurement errors due to axial run-out, which shoulders should have a respective distance from the rotational shaft of the wheel body for reasons of the measurement precision. Notice must further be taken in this connection that due to the demand for the lowest possible weight, the shoulders which extend over a larger angle at circumference are supported by radial arms of the transmitter ring which contributes to the tendency towards distortions in the zone of the shoulders. --

Page 2, amend the first paragraph (lines 2-5) as follows:

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B4 [0003] The invention is thus based on the object of providing a ~~toothed-belt or~~ chain wheel of the kind mentioned above in such a way that, on the one hand, narrow run-out tolerances can be ensured and, on the other hand, savings in weight are enabled.

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Page 2, line 4 from below, to page 3, line 3, change the paragraph to read as follows: --

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B5 [0006] Since the usual ~~toothed-belt and~~ chain wheels are provided with wheel spokes between the hub and the wheel rim, particularly simple constructional conditions are obtained for such ~~toothed-belt and~~ chain wheels when the supports are provided in the neck zone of the spokes on the wheel rim. In this case, the supports can be formed by a machining neck on the wheel spokes which hardly increases the weight of the wheel body. The supporting forces are absorbed in any case by the wheel spokes.--

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Change lines 10 and 11 to read as follows: --

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B6 ~~Fig.~~ FIG. 1 shows a ~~toothed-belt~~ chain wheel in a face view, and

~~Fig.~~ FIG. 2 shows said ~~toothed-belt~~ chain wheel in a sectional view along line II-II of ~~fig.~~ FIG. 1.

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